Special Issue

Distributed Wireless Sensors and Power Transfer

Message from the Guest Editors

Inductive power transfer (IPT) has attracted more and more attention due to the rapid development of power electronics, electric vehicles (EVs), consumer electronics, and robots. Since IPT technology enjoys the merits of convenience, low maintenance, reliability, safety, automation, and electrical isolation, more and more academic researchers and industries are becoming involved in the wireless charging area. Thus, the IPT shows significant meanings for charging portable electronic devices, automatic robots, integrated circuits, distributed sensors, electric vehicles, etc. This Special Issue aims to provide a timely opportunity for academic researchers and industrial engineers to present, discuss, and exchange the latest results and findings of IPT technologies on semiconductor technologies, power electronic topologies, compensation network design, electromagnetic field theory, wireless sensors, as well as the future development of high-power applications.

Guest Editors

Prof. Dr. Chaoqiang Jiang

Dr. Wei Han

Dr. Hui Zhao

Deadline for manuscript submissions

closed (30 April 2023)

Energies

an Open Access Journal by MDPI

Impact Factor 3.0
CiteScore 7.3

mdpi.com/si/94862

Energies
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
energies@mdpi.com

mdpi.com/journal/energies

Energies

an Open Access Journal by MDPI

Impact Factor 3.0
CiteScore 7.3

mdpi.com/journal/energies

About the Journal

Message from the Editor-in-Chief

Energies is an international, open access journal in energy engineering and research. The journal publishes original papers, review articles, technical notes, and letters. Authors are encouraged to submit manuscripts which bridge the gaps between research, development and implementation. The journal provides a forum for information on research, innovation, and demonstration in the areas of energy conversion and conservation, the optimal use of energy resources, optimization of energy processes, mitigation of environmental pollutants, and sustainable energy systems.

Editor-in-Chief

Prof. Dr. Enrico Sciubba
Department of Mechanical and Industrial Engineering, University Niccolò Cusano, 00166 Roma, Italy

Author Benefits

Open Access:

free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility:

indexed within Scopus, SCIE (Web of Science), Ei Compendex, RePEc, Inspec, CAPlus / SciFinder, and other databases.

Journal Rank:

CiteScore - Q1 (Control and Optimization)